



Atty. Dkt. No. 006365 USA/MTCG/PCTRL/JW

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### TITLE OF INVENTION

*METHOD, SYSTEM AND MEDIUM FOR CONTROLLING MANUFACTURE PROCESS HAVING  
MULTIVARIATE INPUT PARAMETERS*

### SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on November 14, 2003, under Serial No. 10/712,273, executed on even date herewith; or
- Express Mail No.(as Serial No. not yet known) and was amended on \_\_\_\_\_ (if applicable)
- was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

### PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than

the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- No such applications have been filed.  
 Such applications have been filed as follows:

- A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
U.S.	60/426,393	November 15, 2002	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:  
Application No:  
Filing date:

#### PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- No such applications have been filed  
 Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented Pending</u> <u>Abandoned</u>

#### POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Scott M. Alter	Registration No. 32,879
Anthony H. Kahng	Registration No. 42,704

**Send correspondence to:**

Patent Counsel, MS/2061  
Legal Affairs Dept.  
Applied Materials, Inc.  
P.O. Box 450A  
Santa Clara, CA 95052

**Direct telephone calls to:**

Scott M. Alter  
(703) 654-7021

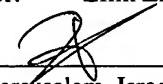
**DECLARATION**

*I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.*

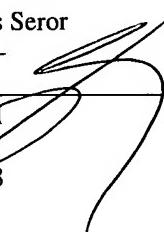
Full name of sole or first inventor: Yuri Kokotov

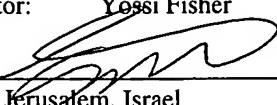
Inventor's signature:  Date: 4/1/04  
Residence: Maaleh Adumim, Israel  
Post Office Address: 50/7 Tzemech Hasadeh St  
Maaleh Adumim 98533  
Israel Country of Citizenship: Israel

Full name of second inventor: Efim Entin

Inventor's signature:  Date: 4/1/04  
Residence: Jerusalem, Israel  
Post Office Address: 26/7 Aliyat Hanoar  
Jerusalem 97234  
Israel Country of Citizenship: Israel

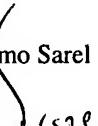
Full name of third inventor: Jacques Seror

Inventor's signature:  Date: 4/1/04  
Residence: Jerusalem, Israel  
Post Office Address: 3/12 Brandt St  
Jerusalem 93878  
Israel Country of Citizenship: Israel

Full name of fourth inventor: Yossi Fisher  
Inventor's signature:   
Residence: Jerusalem, Israel  
Post Office Address: 3 Mishol He'Hadas Street  
Jerusalem 97277  
Israel

Date: 4/1/04

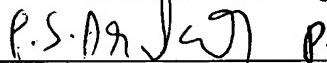
Country of Citizenship: Israel

Full name of fifth inventor: Shaldomo Sarel  
Inventor's signature:   
Residence: Maaleh Michmas, Israel  
Post Office Address: 151 Maaleh Michmas  
Maaleh Michmas 90634  
Israel

Date: 4/1/04

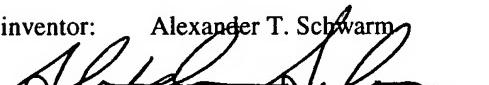
Country of Citizenship: Israel

Full name of sixth inventor: Arulkumar P. Shanmugasundram

Inventor's signature:  Date: 6/1/04 6/7/04  
Residence: Sunnyvale, California  
Post Office Address: 428 Madera Avenue #10  
Sunnyvale, California 94086  
U.S.

Country of Citizenship: India

Full name of seventh inventor: Alexander T. Schwarm

Inventor's signature:  Date: 5/5/04  
Residence: Austin, Texas  
Post Office Address: 9303 La Puente Drive  
Austin, Texas 78749  
U.S.

Country of Citizenship: U.S.

Full name of eighth inventor: Young Jeen Paik

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Campbell, California  
Post Office Address: 4151 Acapulco Dr.  
Campbell, California 95008  
U.S.

Country of Citizenship: U.S.

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Robert W. Mulcahy	Registration No. 25,436
Scott M. Alter	Registration No. 32,879
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**Direct telephone calls to:**

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Legal Affairs Dept.  
Applied Materials, Inc.  
P.O. Box 450A  
Santa Clara, CA 95052

Scott M. Alter  
(703) 654-7021

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Full name of sole or first inventor: Yuri Kokotov

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Maaleh Adumim, Israel  
Post Office Address: 50/7 Tzemech Hasadeh St  
Maaleh Adumim 98533  
Israel Country of Citizenship: Israel

Full name of second inventor: Efim Entin

Full name of third inventor: Jacques Seror

Full name of **fourth** inventor: Yossi Fisher

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Jerusalem, Israel  
Post Office Address: 3 Mishol He'Hadas Street  
Jerusalem 97277  
Israel Country of Citizenship: Israel

Full name of **fifth** inventor: Shalomo Sarel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Maaleh Michmas, Israel  
Post Office Address: 151 Maaleh Michmas  
Maaleh Michmas 90634  
Israel Country of Citizenship: Israel

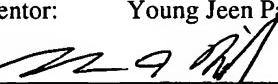
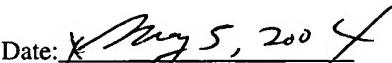
Full name of **sixth** inventor: Arulkumar P. Shanmugasundram

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 428 Madera Avenue #10  
Sunnyvale, California 94086  
U.S. Country of Citizenship: India

Full name of **seventh** inventor: Alexander T. Schwarm

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Austin, Texas  
Post Office Address: 9303 La Puente Drive  
Austin, Texas 78749  
U.S. Country of Citizenship: U.S.

Full name of **eighth** inventor: Young Jeen Park

Inventor's signature:  Date:   
Residence: Campbell, California  
Post Office Address: 4151 Acapulco Dr.  
Campbell, California 95008  
U.S. Country of Citizenship: U.S.

(Declaration ends with this page)